Response to Restriction Requirement mailed July 22, 2005

REMARKS

Applicants thank Examiner Solola for the helpful discussion of August 22, 2005, concerning the groupings in the Restriction Requirement.

The Office has required restriction in the present application as follows:

Group I: Claims 1-7, 16, compounds of formula (I) and composition thereof, wherein

Y is a bond, and Z is
$$N$$
 N N N N N N

Group II: Claims 1-7, 16, compounds of formula (I) and composition thereof,

wherein Y is an alkylene or alkenylene, and Z is $N \to NH_2$;

Group III: Claims 1-7, 16, compounds of formula (I) and composition thereof,

wherein Y is CONH-, and Z is
$$N$$

Group IV: Claims 1-7, 16, compounds of formula (I) and composition thereof,

wherein Y is a bond, Z is
$$\mathbb{Q}^{\mathbb{R}^2}$$
, A-B-D- is a bond, and E is $\mathbb{Q}^{\mathbb{N}}$;

Group V: Claims 1-7, 16, compounds of formula (I) and composition thereof,

wherein Y is alkylene or alkenylene, Z is
$$\mathbb{R}^2$$
, A-B-D- is a bond, and E is \mathbb{Q}

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Group VI: Claims 1-7, 16, compounds of formula (I) and composition thereof,

wherein Y is - CONH-, Z is
$$\mathbb{R}^2$$
, A-B-D- is a bond, and E is \mathbb{Q} ;

Group VII: Claims 1-7, 16, compounds of formula (I) and composition thereof;

wherein Y is a bond, Z is
$$\mathbb{R}^2$$
, A-B- is alkylene, D is alkylene or -CH₂NH-, and E is \mathbb{Q} ;

Group VIII: Claims 1-7, 16, compounds of formula (I) and composition thereof, wherein Y is alkylene or alkenylene, Z is \mathbb{R}^2 , A-B- is alkylene, D is alkylene or \mathbb{R}^2 .

Group IX: Claims 1-7, 16, compounds of formula (1) and composition thereof, wherein Y is a bond, Z is \mathbb{R}^2 , A is NH or SO₂, B is CO or O, D is NH, and E is \mathbb{R}^2

Group X: Claims 1-7, 16, compounds of formula (I) and composition thereof, wherein Y is -CONH-, Z is \mathbb{R}^2 , A-B- is alkylene, D is alkylene or -CH₂NH-, and E

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Group XI: Claims 1-7, 16, compounds of formula (1) and composition thereof, wherein Y is -CONH-, Z is \mathbb{R}^2 , A is NH or SO₂, B is CO or O, D is NH, E is \mathbb{R}^2

Group XII: Claims 1-7, 16, compounds of formula (I) and composition thereof, wherein Y is alkylene or alkenylene, Z is \mathbb{R}^2 , A is NH or SO₂, B is CO or O, D is NH, and E is \mathbb{Q} ;

Group XIII: Claims 1-7, 16, compounds of formula (I) and composition thereof, wherein Y is a bond, Z is \mathbb{R}^2 , A-B-D- is a bond, and E is \mathbb{Q} ;

Group XIV: Claims 1-7, 16, compounds of formula (I) and composition thereof, wherein Y is a bond, Z is R^2 , A-B-D- is a bond, and E is R^3 ;

Group XV: Claims 1-7, 16, compounds of formula (1) and composition thereof,

NH

wherein Y is alkylene or alkenylene, Z is

R²

A-B-D- is a bond, and E is

R³

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Group XVI: Claims 1-7, 16, compounds of formula (I) and composition thereof,

wherein Y is -CONH-, Z is
$$\mathbb{R}^2$$
 , A-B-D- is a bond, and E is \mathbb{R}^3 ;

Group XVII: Claims 1-7, 16, compounds of formula (I) and composition thereof, wherein Y is a bond, Z is \mathbb{R}^2 , A-B- is alkylene, D is alkylene or -CH₂NH-, and E is \mathbb{R}^3 :

Group XVIII: Claims 1-7, 16, compounds of formula (I) and composition thereof, wherein Y is alkylene or alkenylene, Z is \mathbb{R}^2 , A-B- is alkylene, D is alkylene or -CH₂NH-, and E is \mathbb{R}^3 ;

Group XIX: Claims 1-7, 16, compounds of formula (I) and composition thereof, wherein Y is a bond, Z is \mathbb{R}^2 , A is NH or SO₂, B is CO or O, D is NH, and E is \mathbb{R}^3 ;

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wherein Y is -CONH-, Z is \mathbb{R}^2 , A-B- is alkylene, D is alkylene or -CH2NH-, and E

Group XX: Claims 1-7, 16, compounds of formula (I) and composition thereof,

$$R^3$$
;

Group XXI: Claims 1-7, 16, compounds of formula (I) and composition thereof,

wherein Y is -CONH-, Z is \mathbb{R}^2 , A is NH or SO₂, B is CO or O, D is NH, E is NH

Group XXII: Claims 1-7, 16, compounds of formula (I) and composition thereof,

wherein Y is alkylene or alkenylene, Z is , A is NH or SO₂, B is CO or O, D is

$$NH$$
, E is R^3 ;

Group XXIII: Claims 1-7, 16, compounds of formula (I) and composition thereof,

wherein Y is a bond, Z is
$$\mathbb{R}^2$$
, A-B-D- is a bond, and E is \mathbb{R}^3 ;

Group XXIV: Claims 1-7, 16, compounds of formula (I) and composition thereof,

wherein Y is a bond, Z is
$$\mathbb{Q}^{\mathbb{R}^2}$$
, A-B-D- is a bond, and E is $\mathbb{Q}^{\mathbb{N}}$;

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Group XXV: Claims 1-7, 16, compounds of formula (I) and composition thereof, wherein Y is alkylene or alkenylene, Z is \mathbb{R}^2 , A-B-D- is a bond, E is optionally substituted amino or -N=CH₂;

Group XXVI: Claims 1-7, 16, compounds of formula (I) and composition thereof, wherein Y is -CONH-, Z is , A-B-D- is a bond, and E is an optionally substituted amino or -N=CH₂;

Group XXVII: Claims 1-7, 16, compounds of formula (I) and composition thereof, wherein Y is a bond, Z is \mathbb{R}^2 , A-B- is alkylene, D is alkylene or -CH₂NH-, and E is optionally substituted amino or -N=CH₂;

Group XXVIII: Claims 1-7, 16, compounds of formula (I) and composition thereof, wherein Y is alkylene or alkenylene, Z is R^2 , A-B- is alkylene, D is alkylene or -CH₂NH-, and E is optionally a substituted amino or -N=CH₂;

Group XXIX: Claims 1-7, 16, compounds of formula (I) and composition thereof,

wherein Y is a bond, Z is

R²

A is NH or SO₂, B is CO or O, D is NH, and E is an optionally substituted amino or -N=CH₂;

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Group XXX: Claims 1-7, 16, compounds of formula (I) and composition thereof,

wherein Y is -CONH-, Z is \mathbb{R}^2 , A-B- is alkylene, D is alkylene or -CH₂NH-, and E is an optionally substituted amino or -N=CH₂;

Group XXXI: Claims 1-7, 16, compounds of formula (I) and composition thereof, wherein Y is -CONH-, Z is , A is NH or SO₂, B is CO or O, D is NH, and E is an optionally substituted amino or -N=CH₂;

Group XXXII: Claims 1-7, 16, compounds of formula (I) and composition thereof, wherein Y is alkylene or alkenylene, Z is , A is NH or SO₂, B is CO or O, D is NH, and E is an optionally substituted amino or -N=CH₂;

Group XXXIII: Claims 1-7, 16, compounds of formula (I) and composition thereof, wherein Y is a bond, Z is , A-B-D- is a bond, and E is an optionally substituted amino or -N=CH₂;

Group XXXIV: Claims 1-7, 16, compounds of formula (I) and composition thereof, wherein any of Y, Z, A-B-D- and E is not as defined in any of groups I-XXXIII;

Group XXXV: Claim 8, drawn to a process of making compounds of formula (I); and

Group XXXVI: Claims 17-23, drawn to various methods of use.

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Applicants have elected, with traverse, Group XXXIV (Claims 1-7 and 16), for further prosecution. Additionally, Applicants have provisionally elected the single compound:

Applicants respectfully traverse the Restriction Requirement on the grounds that the Office has not shown that a burden exists in searching the entire application.

MPEP in §803 states as follows:

If the search and examination of an entire application can be made without a serious burden, the Examiner must examine it on the merits, even though it includes claims to distinct or independent inventions.

Applicants respectfully submit that a search of all the claims would not impose a serious burden on the Office.

Finally, Applicants note that MPEP §821.04 states:

If the Applicant elects claims directed to the product, and a product claim is subsequently found allowable, withdrawn process claims which depend from or otherwise include all the limitations of the allowable product claim will be rejoined.

Applicants respectfully submit that should the elected group be found allowable, the non-elected claims should be rejoined.

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Applicants submit that the present application is in condition for examination on the

merits. Early notification to this effect is respectfully requested.

Respectfully submitted,

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